



SEQUENCE LISTING

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The Regents of the University of California

<120> Small Molecule Inhibition of PDZ-Domain Interaction

<130> 018062-006310US

<140> US 10/826,175
<141> 2004-04-15

<150> US 60/463,198
<151> 2003-04-15

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<170> PatentIn Ver. 2.1

<210> 1
<211> 13
<212> PRT
<213> Artificial Sequence

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<223> Description of Artificial Sequence:fluorescein
labeled carboxy terminal sequence of PTEN
fluorescence polarization competition assay probe

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<221> MOD_RES
<222> (1)
<223> Xaa = Pro modified by OregonGreen

<400> 1
Xaa Phe Asp Glu Asp Gln His Thr Gln Ile Thr Lys Val
1 5 10

<210> 2
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<223> Description of Artificial Sequence:highest
affinity peptide sequence for MAGI-3 PDZ2
fluorescence polarization competition assay positive
control

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1 5 10

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 <223> Description of Artificial Sequence:fluorescence
 polarization competition assay GST-MAGI-3-PDZ2
 binding peptide

<220>
 <221> MOD_RES
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 <223> Description of Artificial Sequence:peptide for
 producing anti-phospho-Ser473 antibodies

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 Cys Arg Pro His Phe Pro Gln Phe Xaa Tyr Ser Ala Ser Gly Thr
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 <223> Description of Artificial Sequence:synthetic
 substrate peptide for kinase activity assay

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 Gly Arg Pro Arg Thr Ser Ser Phe Ala Glu Gly
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